



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Saturday April 11, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Severe thunderstorms are expected this afternoon into early Sunday morning across much of TX/OK into SW AR/NW LA.**
 - Large hail, damaging winds, & perhaps a couple of tornadoes.
- **Moderate risk of severe thunderstorms across Central/N LA into SE AR on Sunday. Enhanced risk across E TX/AR/S LA.**
 - Strong tornadoes, potentially widespread damaging winds, and large hail are all possible.
- **Moderate to major river flooding is ongoing or forecast along the MS River.**

FEMA Region 6 Threat Matrix

Apr 11, 2020 - Apr 15, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms	Central/West/NW TX	Central&N LA/SE AR			
	OK/SW AR/NW LA	ETX/AR/S LA			
Heavy Rain / Flash Flooding	NTX/S OK/S AR/ NW LA	AR/N LA			
Fire Weather		SE NM/W TX			
Tropical Weather					
Winter Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River
	AR, LA, ETX	AR, LA, ETX	AR, LA, ETX	AR, LA, ETX	AR, LA, ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

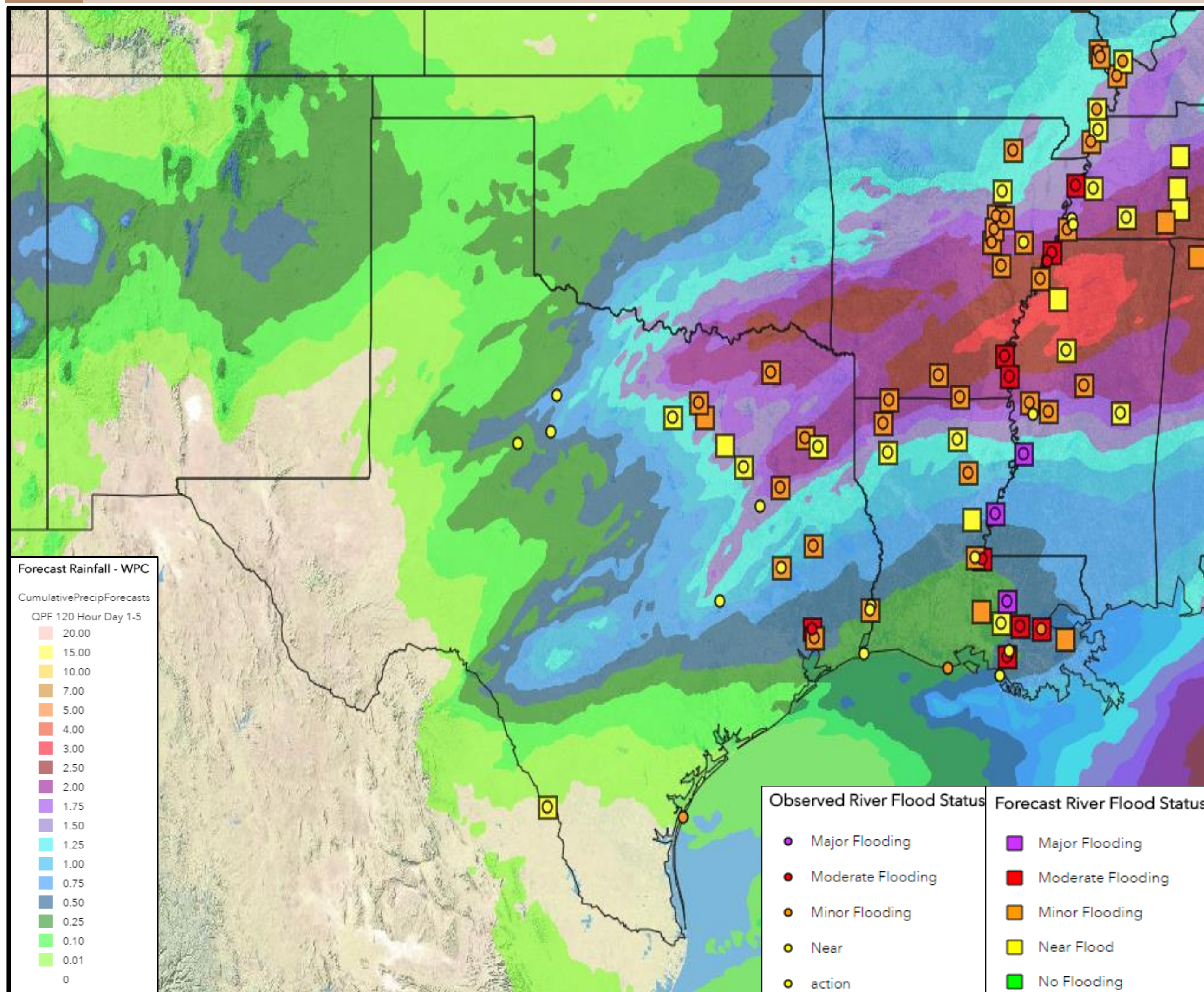
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to major flooding continues along the MS River.

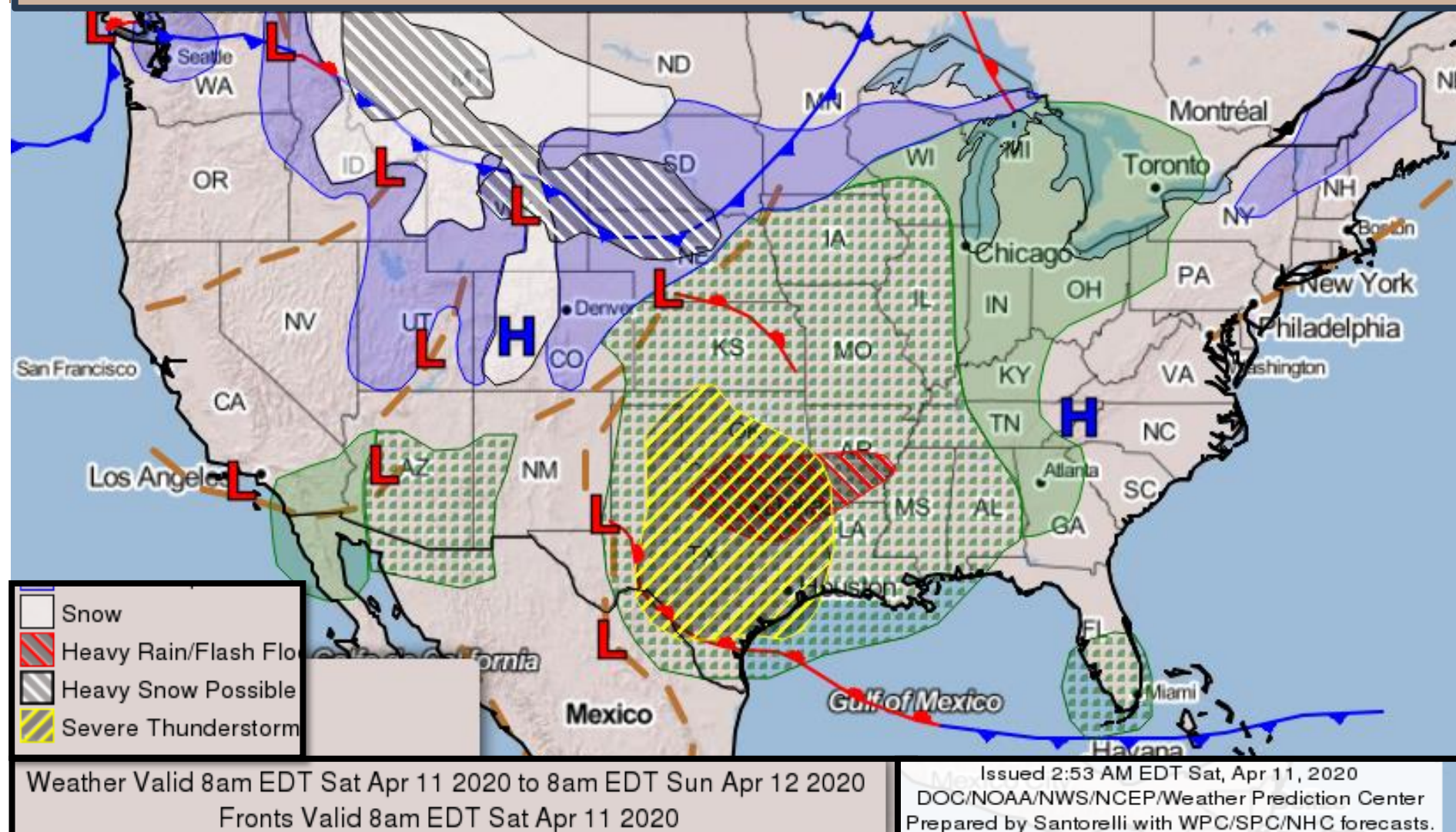
- **Osceola, AR has fallen into moderate flood stage. Some agricultural impacts may continue.**
- **Major flooding is occurring near Baton Rouge, LA with a crest expected early next week. Shipping and industrial activities significantly affected.**
- **The Bonnet Carré Floodway continues to operate and reduce flow at New Orleans, LA, cresting at the 17.0ft (minor) flood stage tomorrow evening and staying near this level for the next 1 ½ weeks. Impacts to navigation. A 20 ft project levee protects the city.**

The Atchafalaya River at Morgan City, LA will maintain moderate flood stage for the next several days. Some flooding of buildings possible.

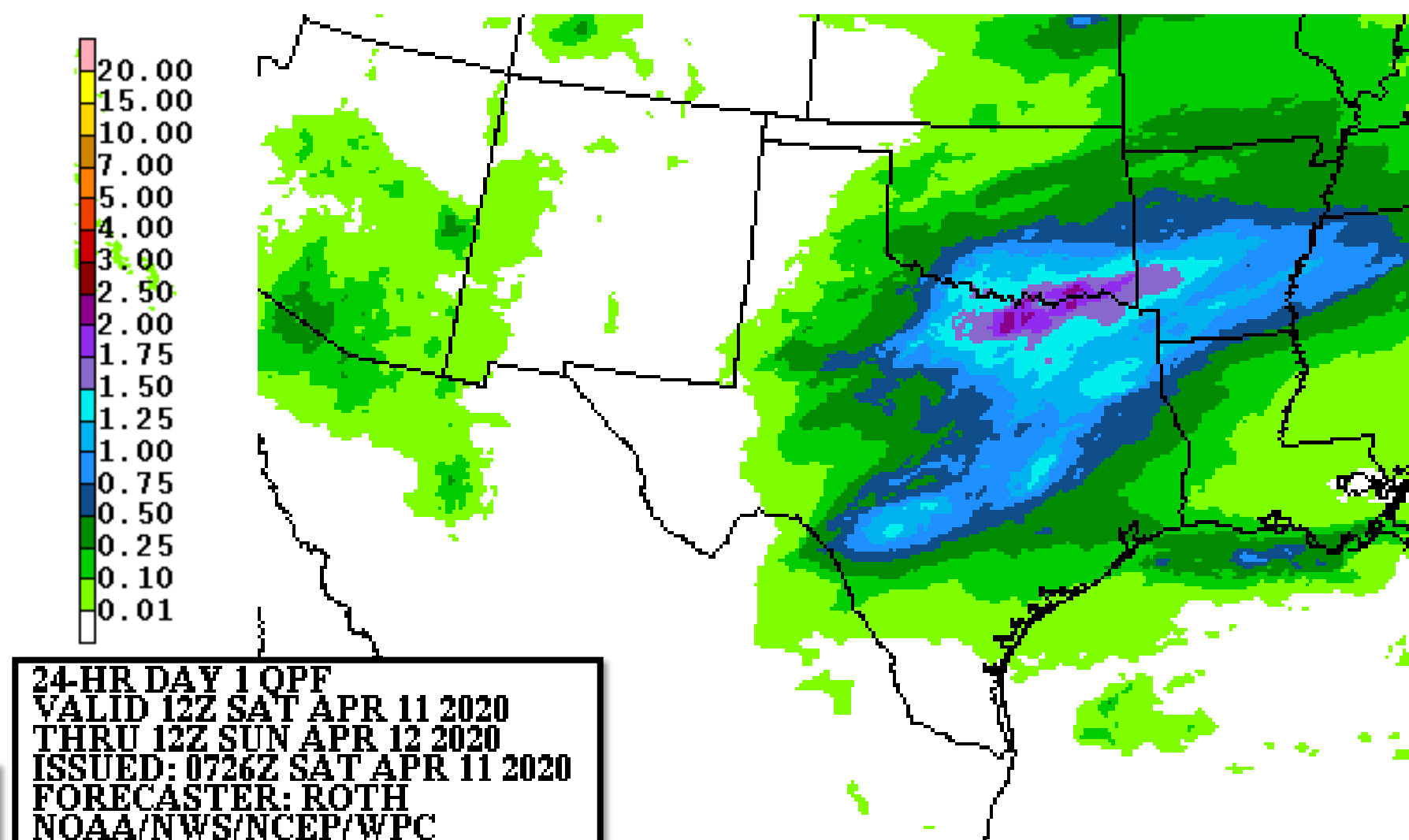
The Trinity River at Liberty, TX will maintain moderate flood stage through Sunday, with roads leading to subdivisions possibly flooding.

Today's Weather

Forecast Chart



Forecast Rainfall

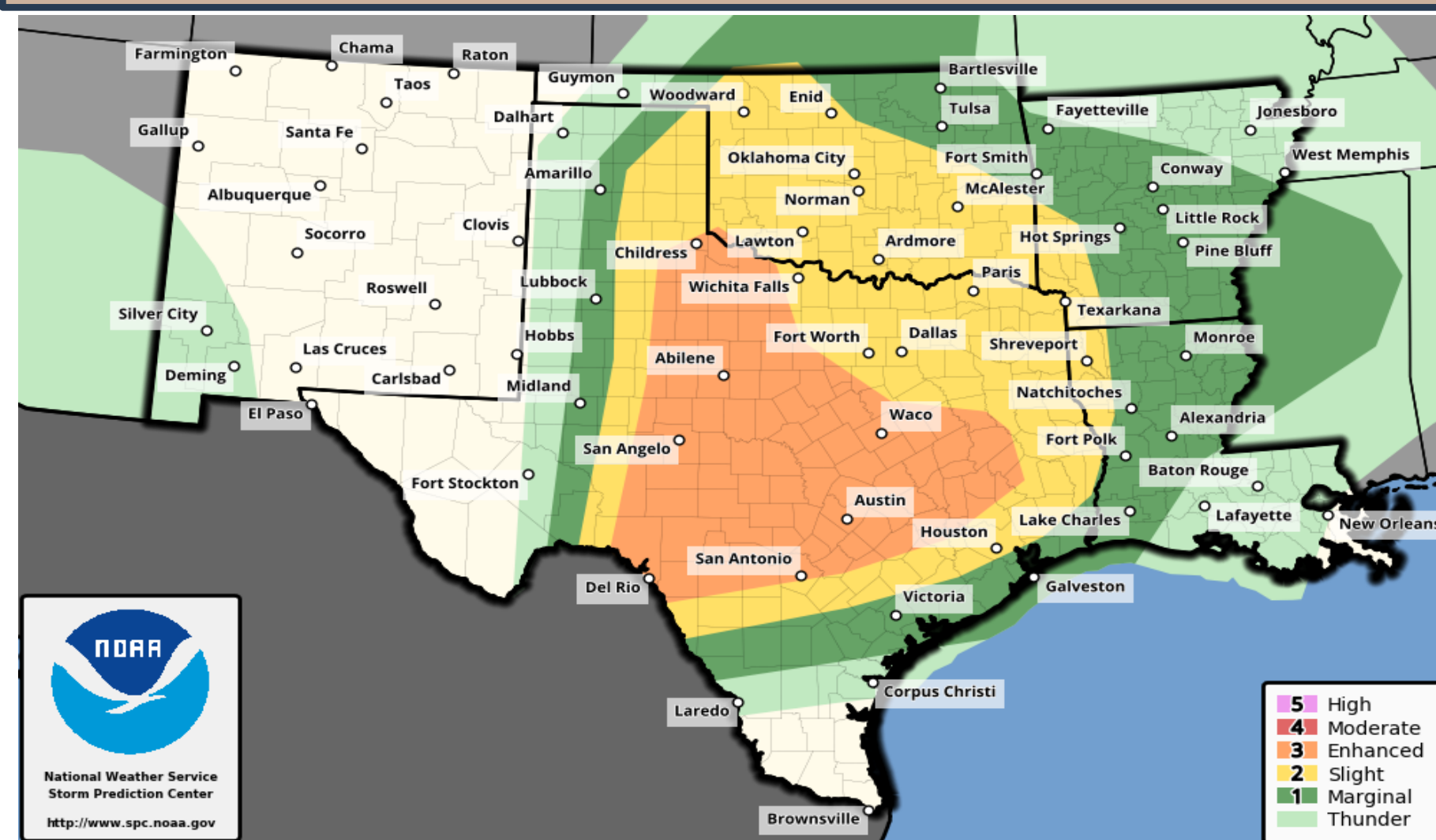


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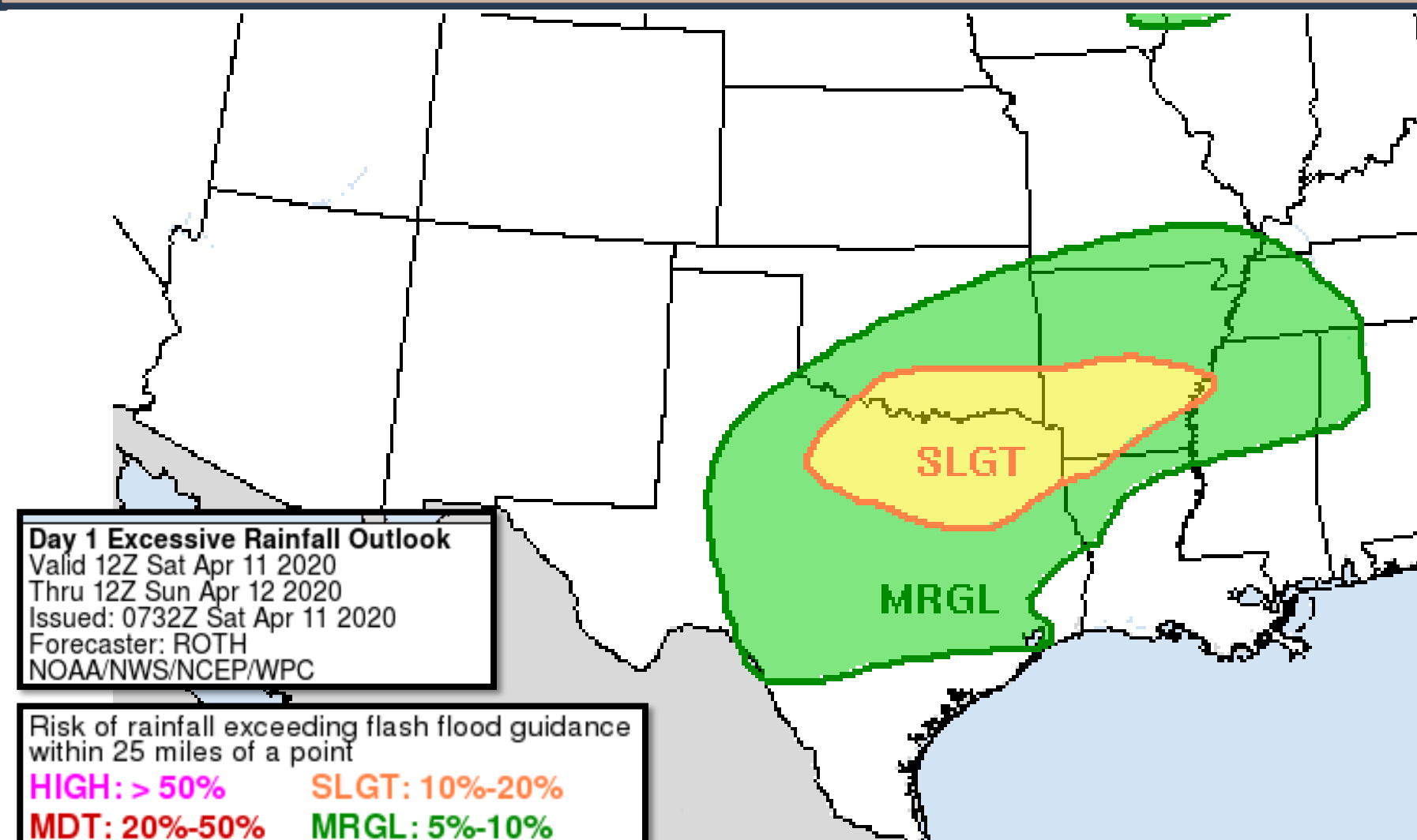
Severe thunderstorms are expected this afternoon into early Sunday morning across much of TX/OK into SW AR/NW LA. Large hail, damaging winds, & perhaps a couple of tornadoes.

Areas of heavy rain/flash flooding for N TX/S OK/ S AR/NW LA.

Severe Weather Outlook



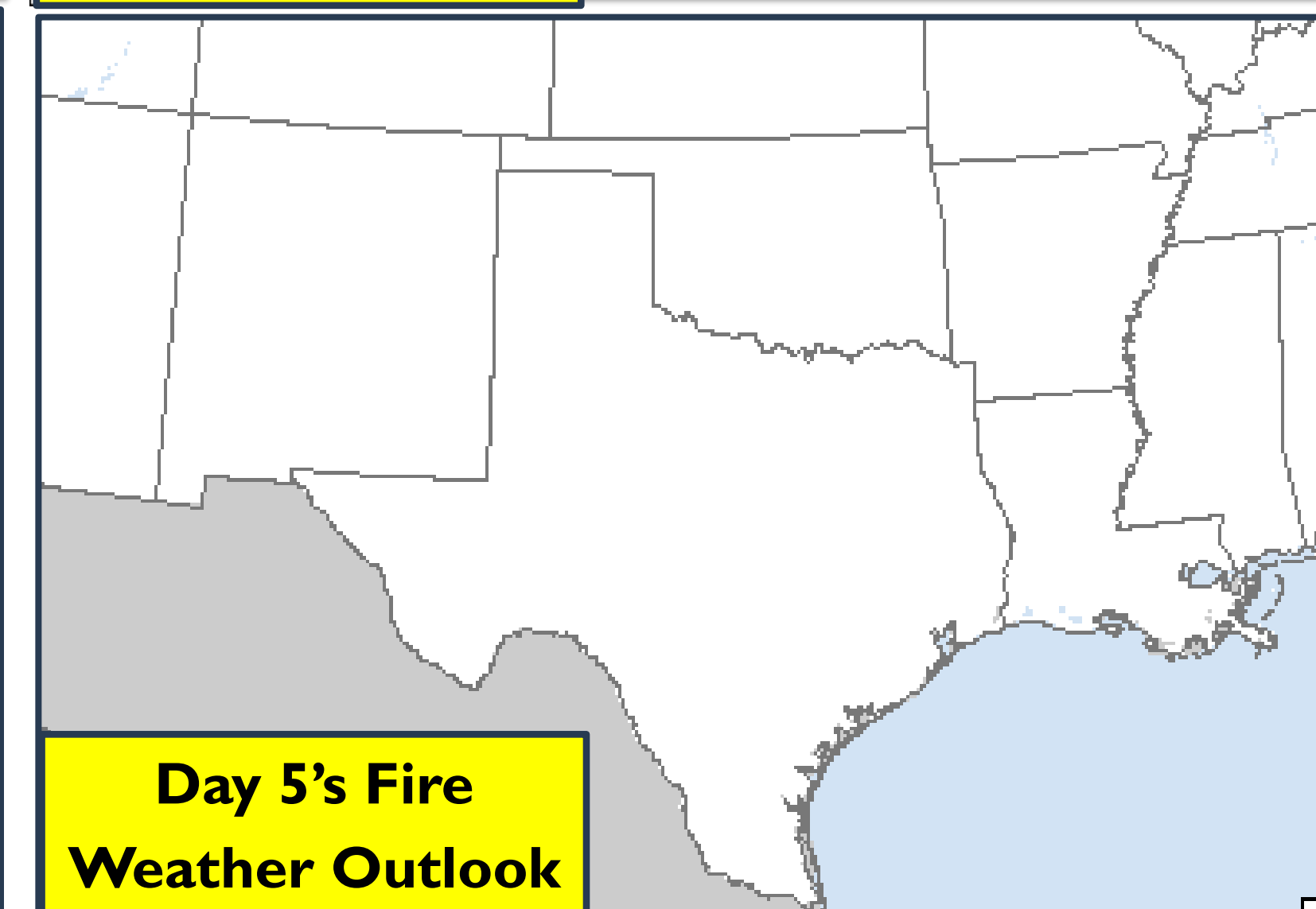
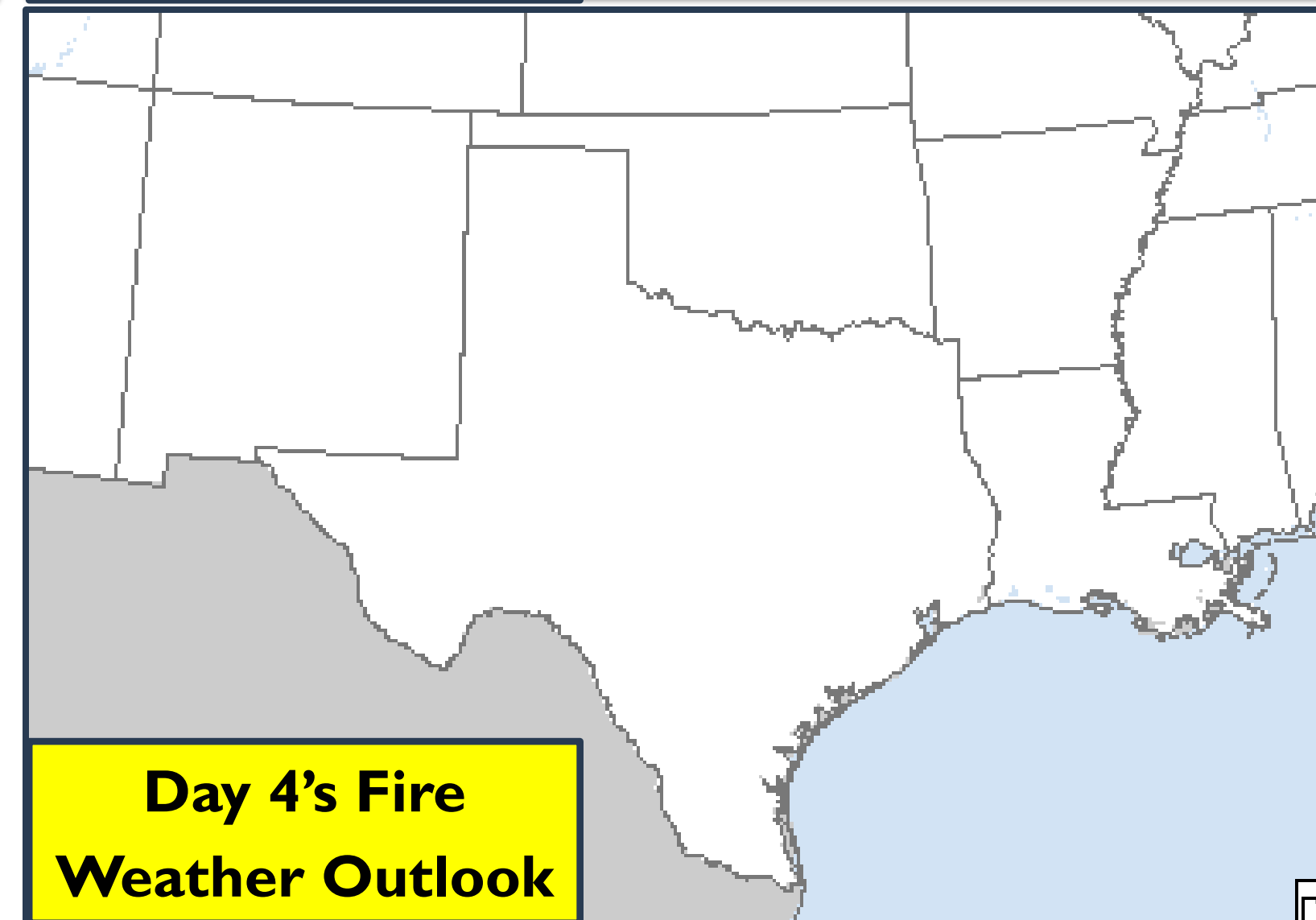
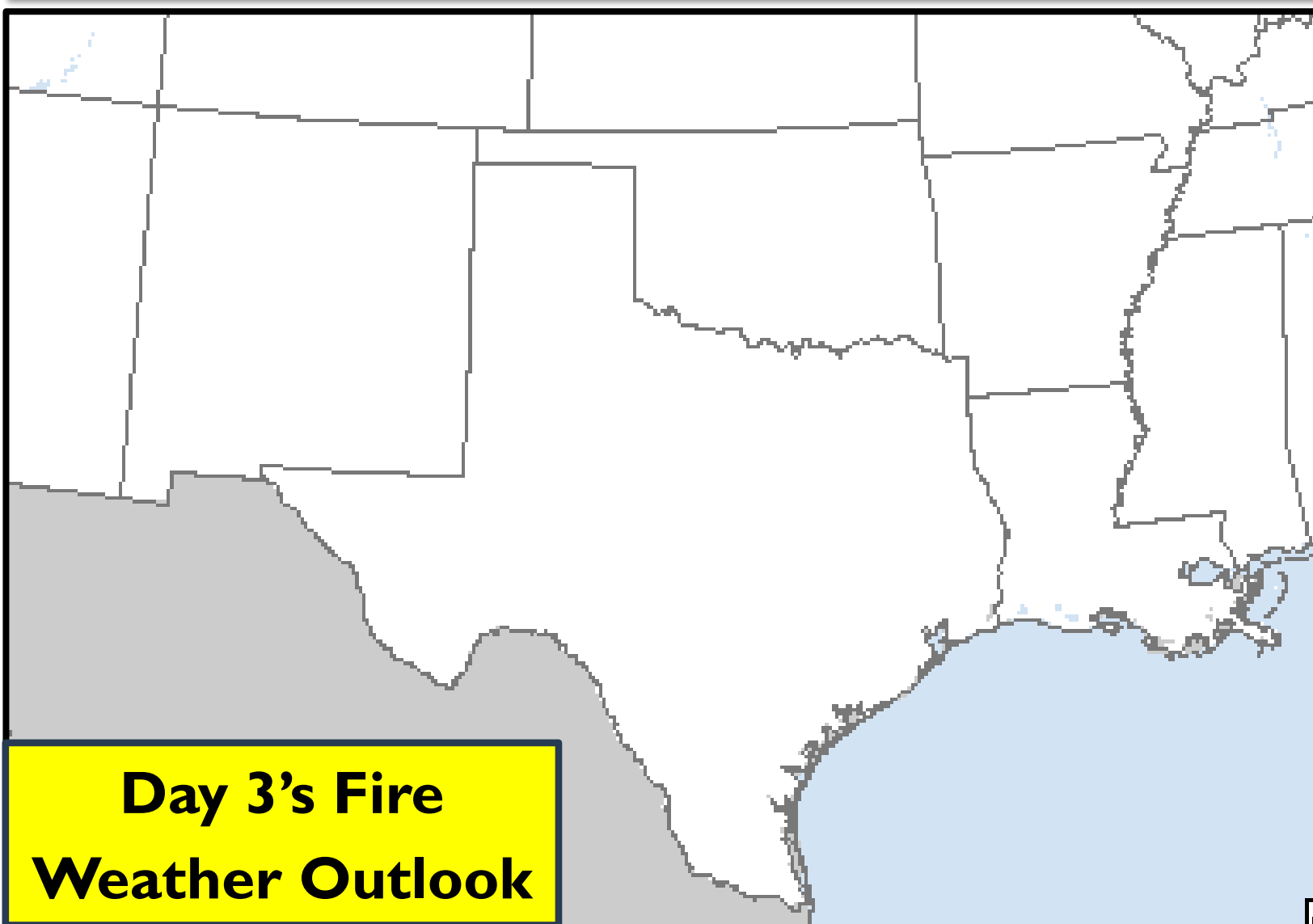
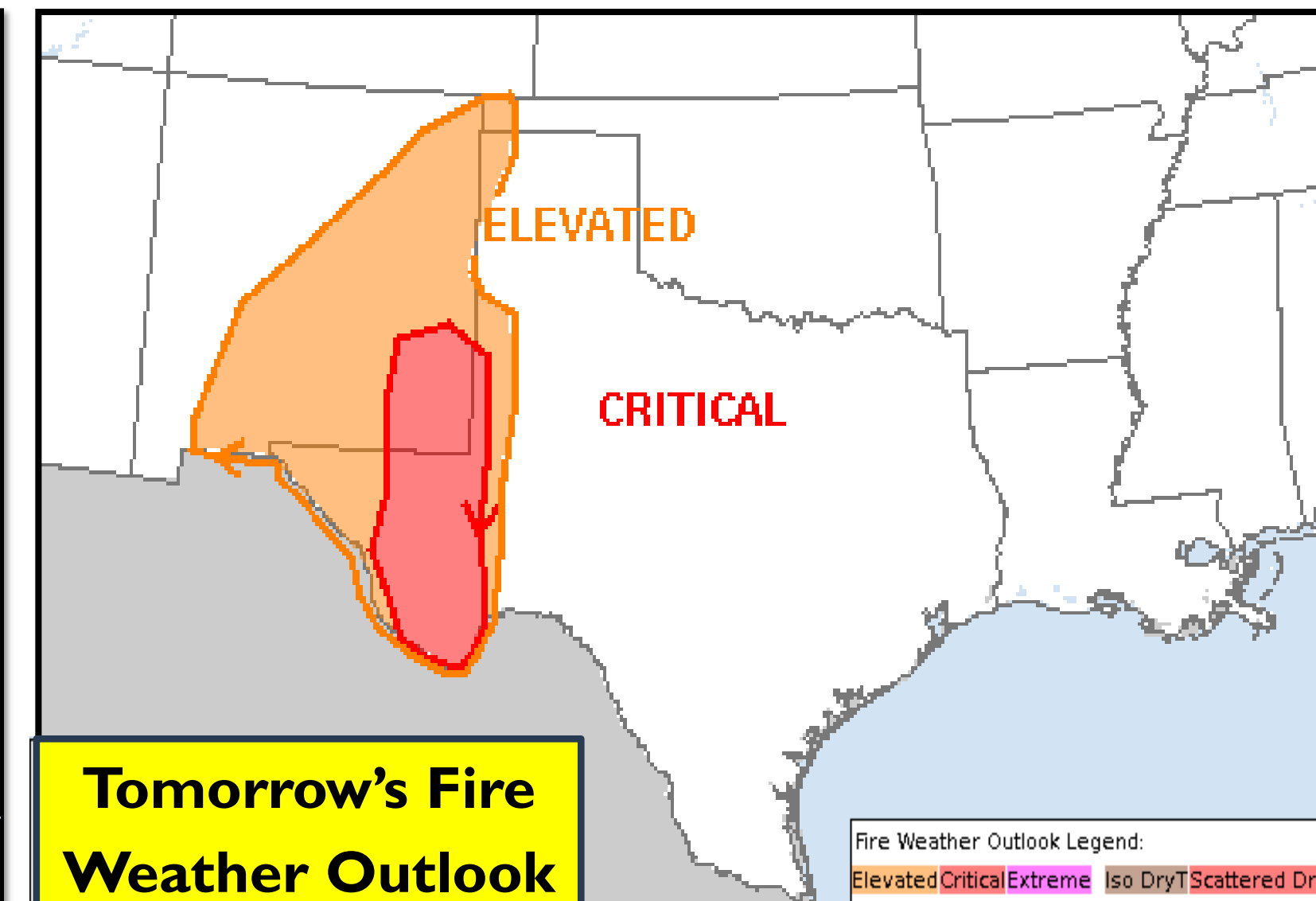
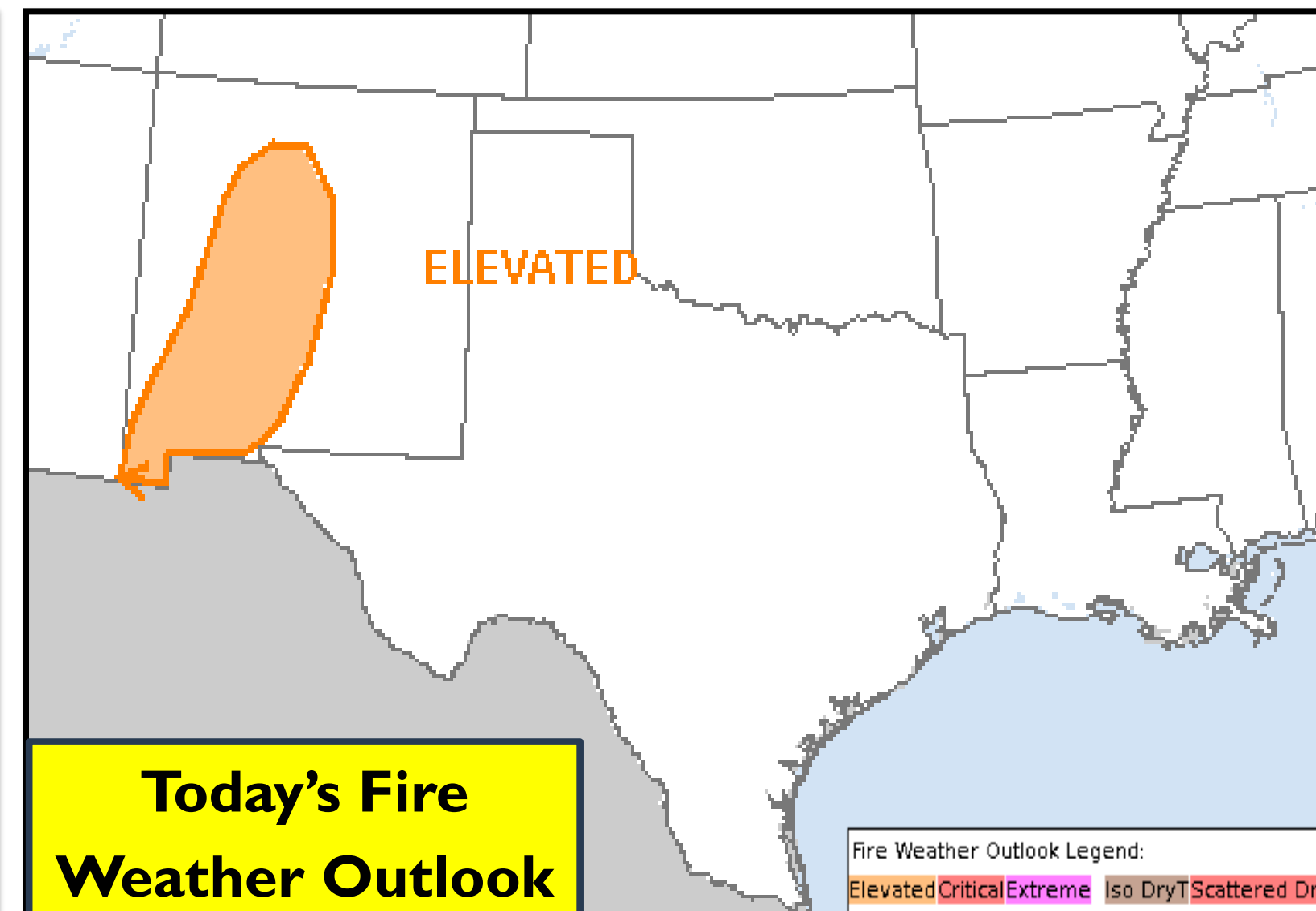
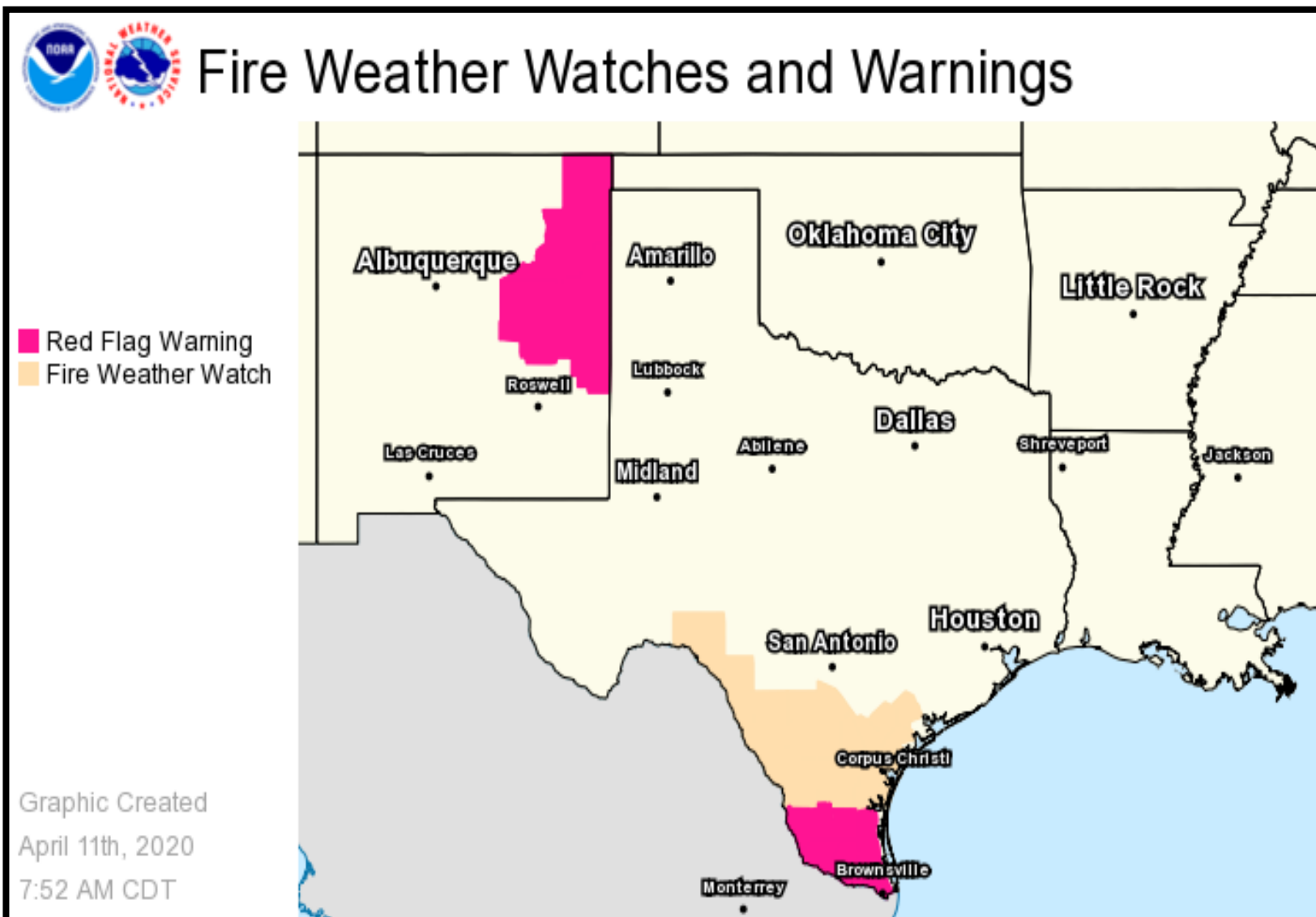
Excessive Rainfall Outlook



Fire Weather Outlooks



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Winter Weather

Saturday - Monday



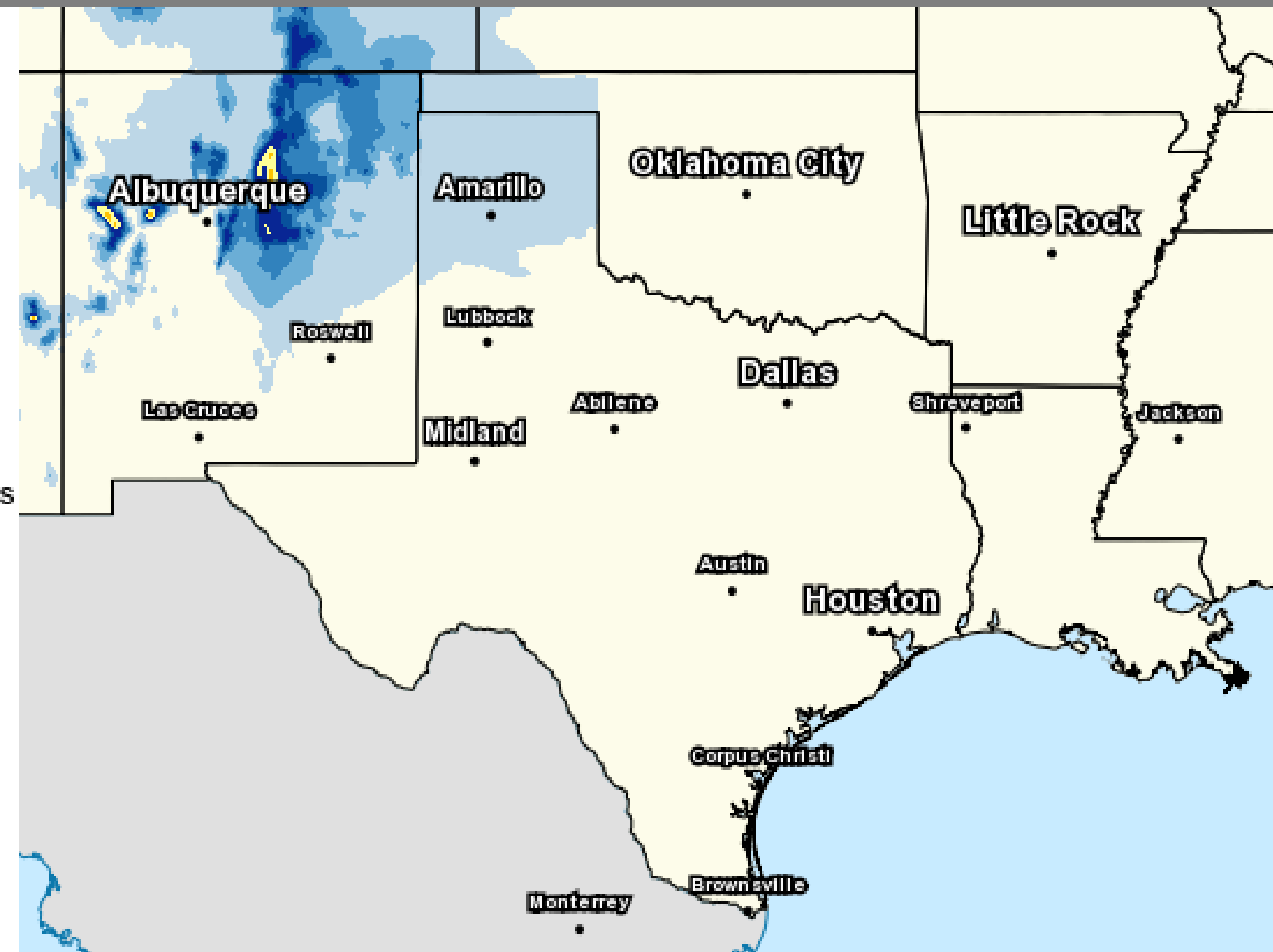
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Forecast Snow Amounts

Forecast Snowfall

Valid Ending Tuesday April 14th, 2020 at 1 AM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
April 11th, 2020
7:53 AM CDT

Forecast Ice Amounts

Ice Accumulation Forecast

Valid Ending Tuesday April 14th, 2020 at 1 AM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



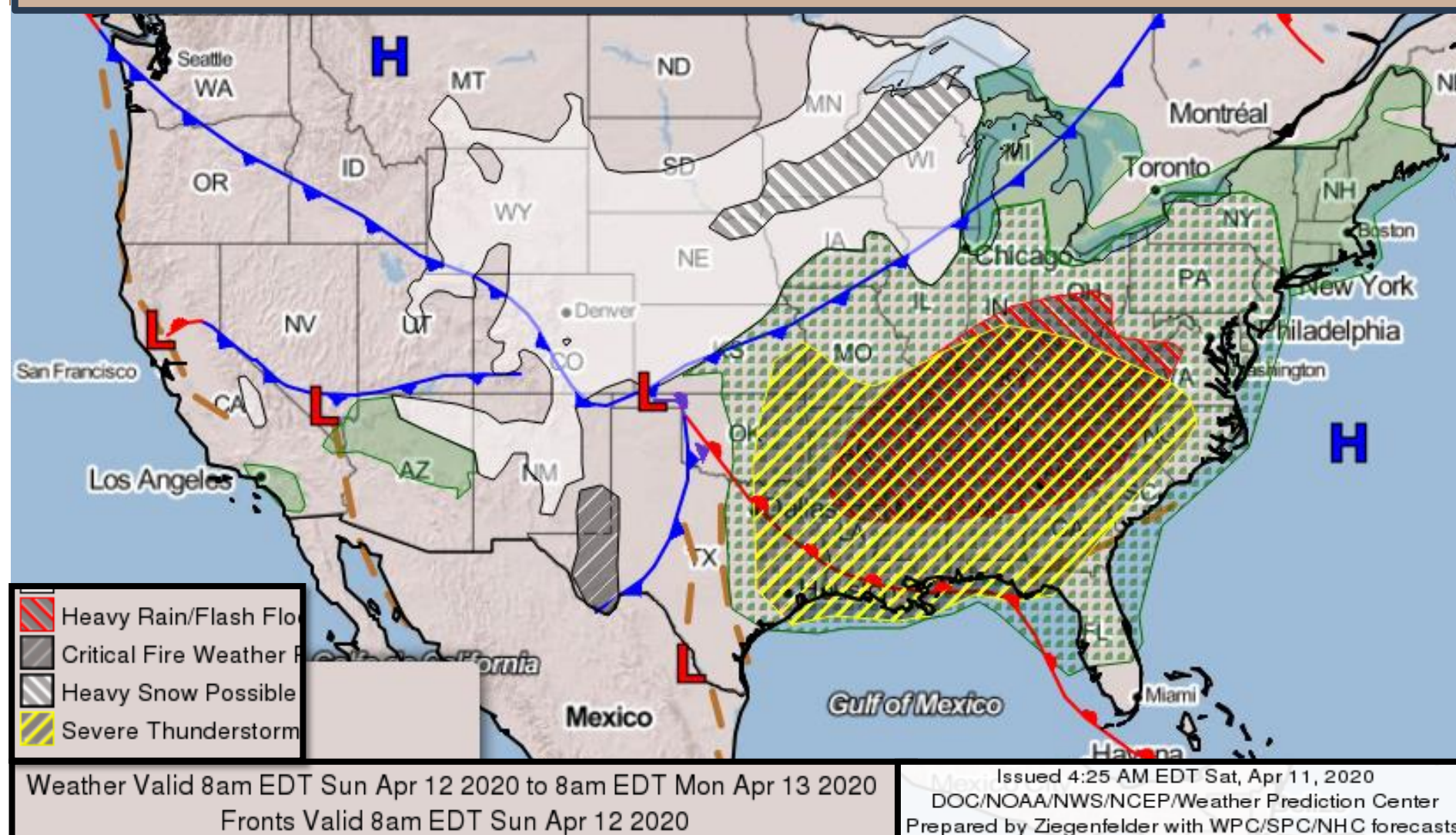
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Tomorrow's Weather

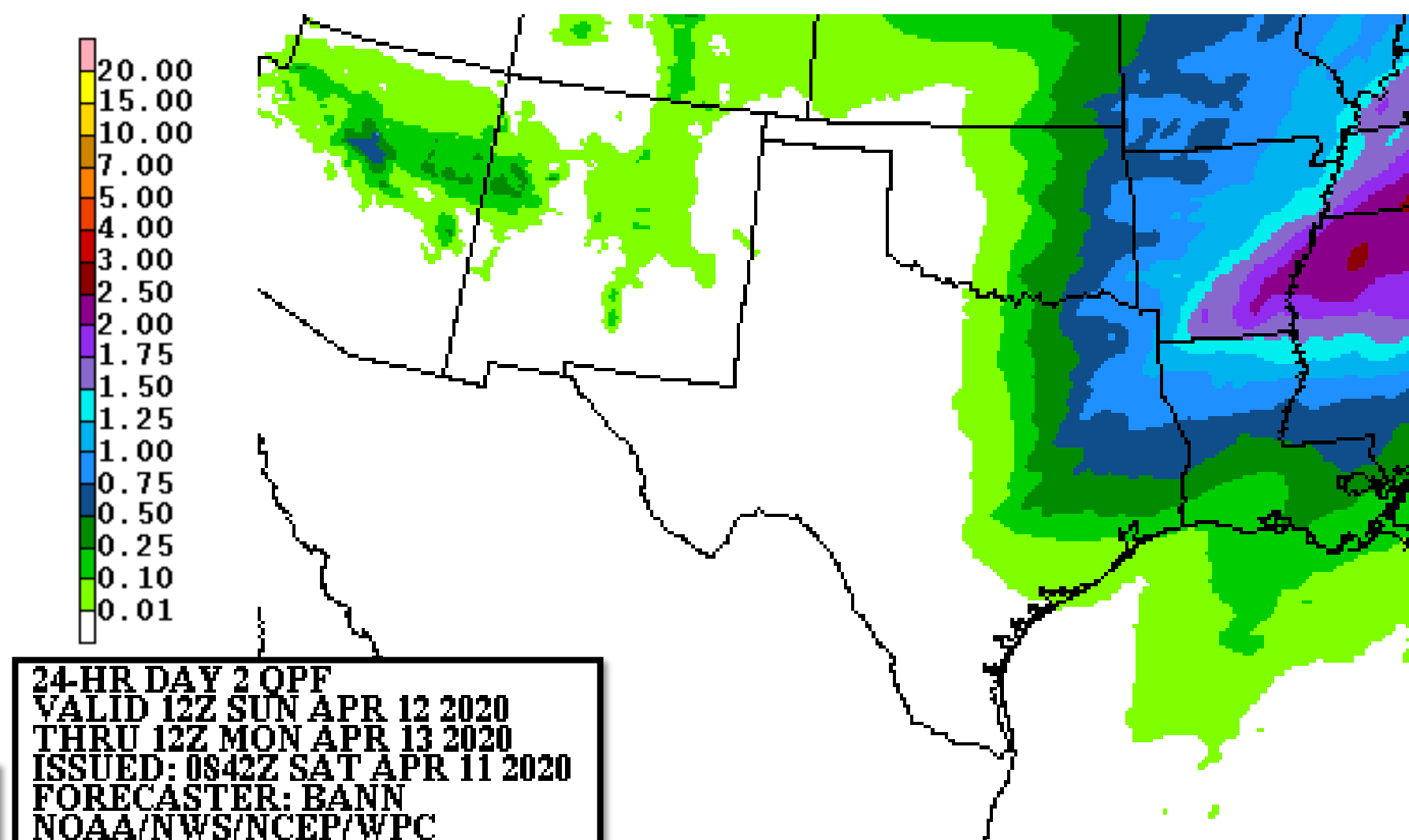


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Forecast Chart



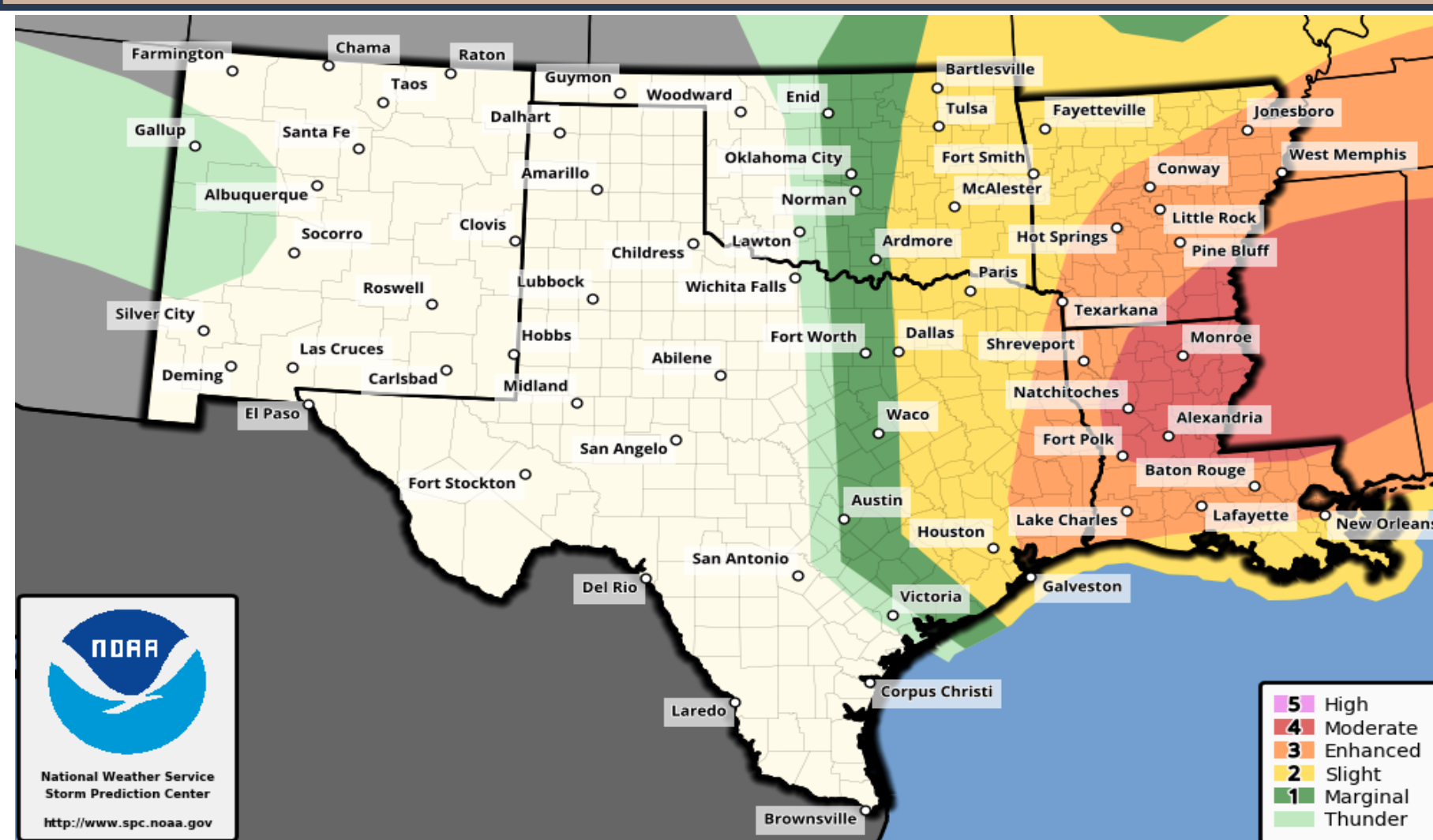
Forecast Rainfall



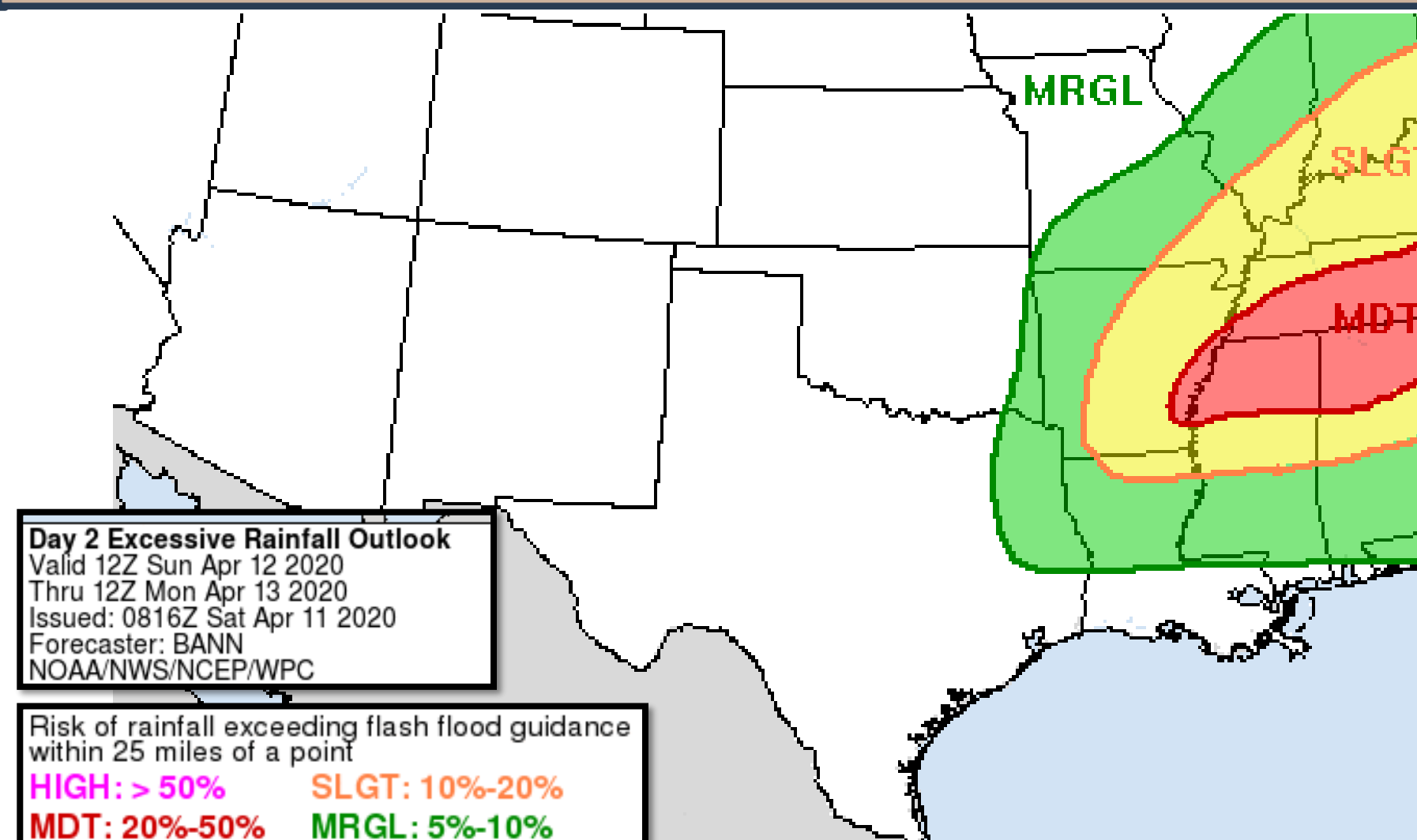
Moderate risk of severe thunderstorms across Central/N LA into SE AR on Sunday. Enhanced risk across ETX/AR/S LA. Strong tornadoes, potentially widespread damaging winds, and large hail are all possible.

Areas of heavy rain/flash flooding across AR/N LA.

Severe Weather Outlook

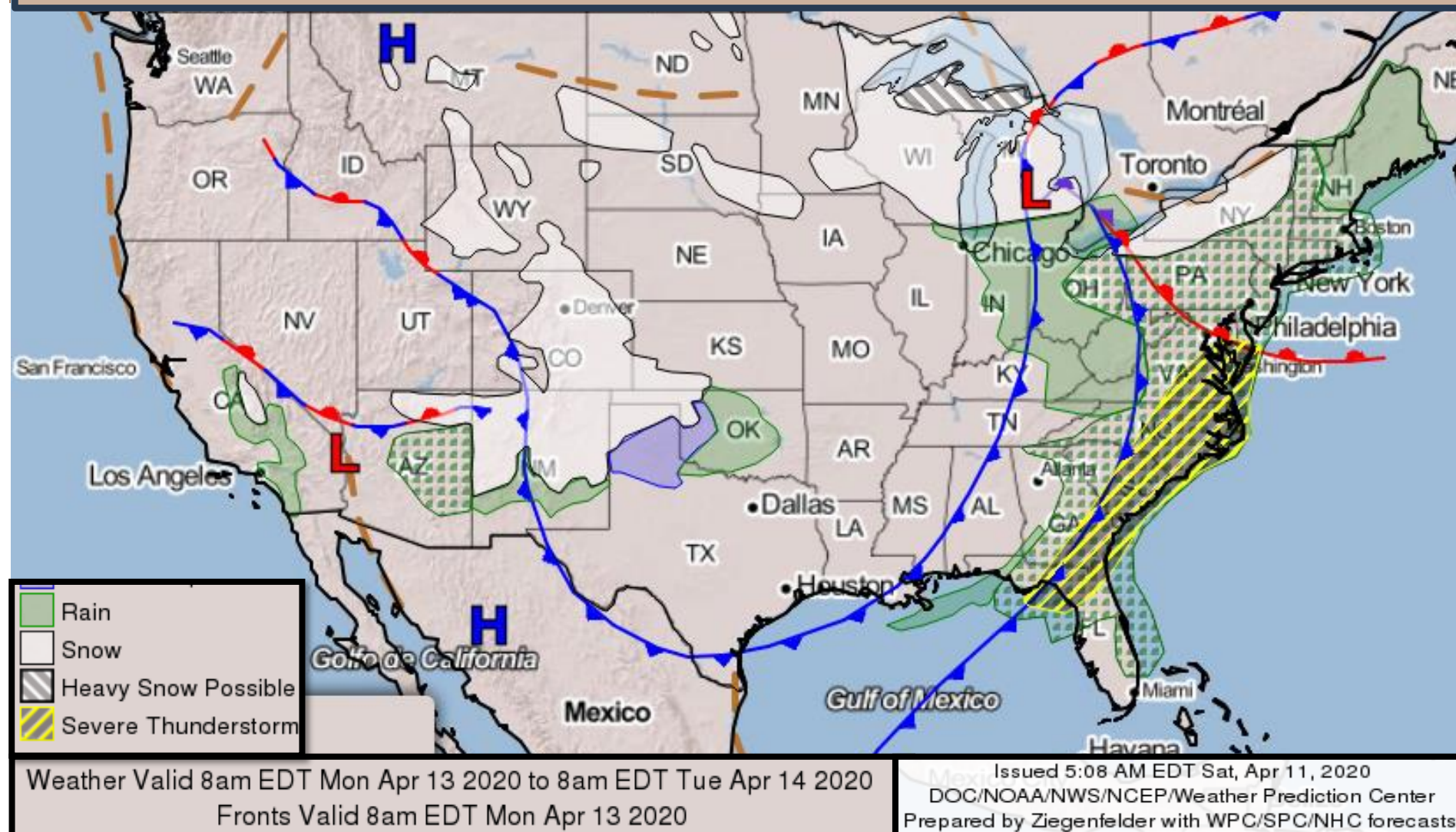


Excessive Rainfall Outlook

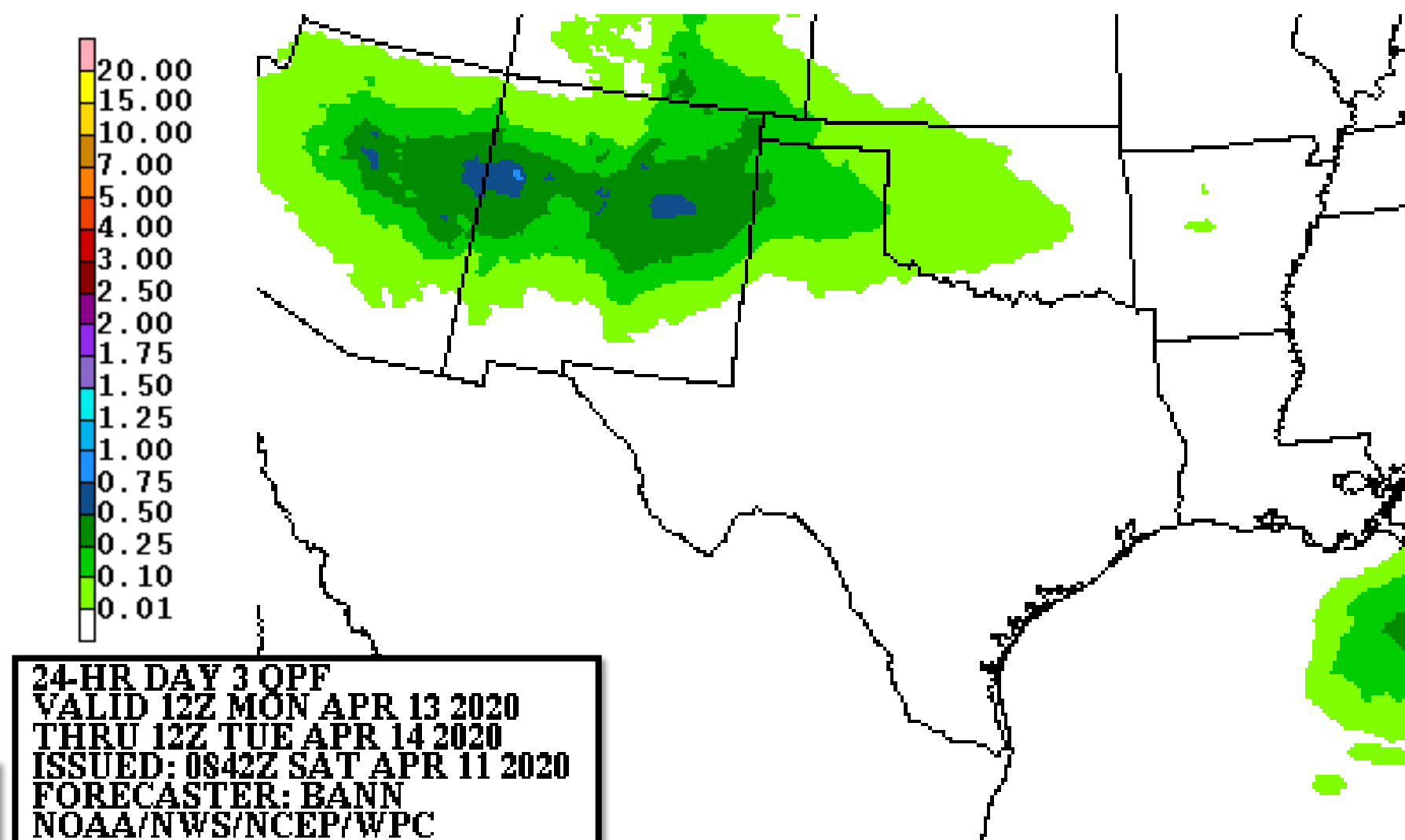


Monday's Weather

Forecast Chart



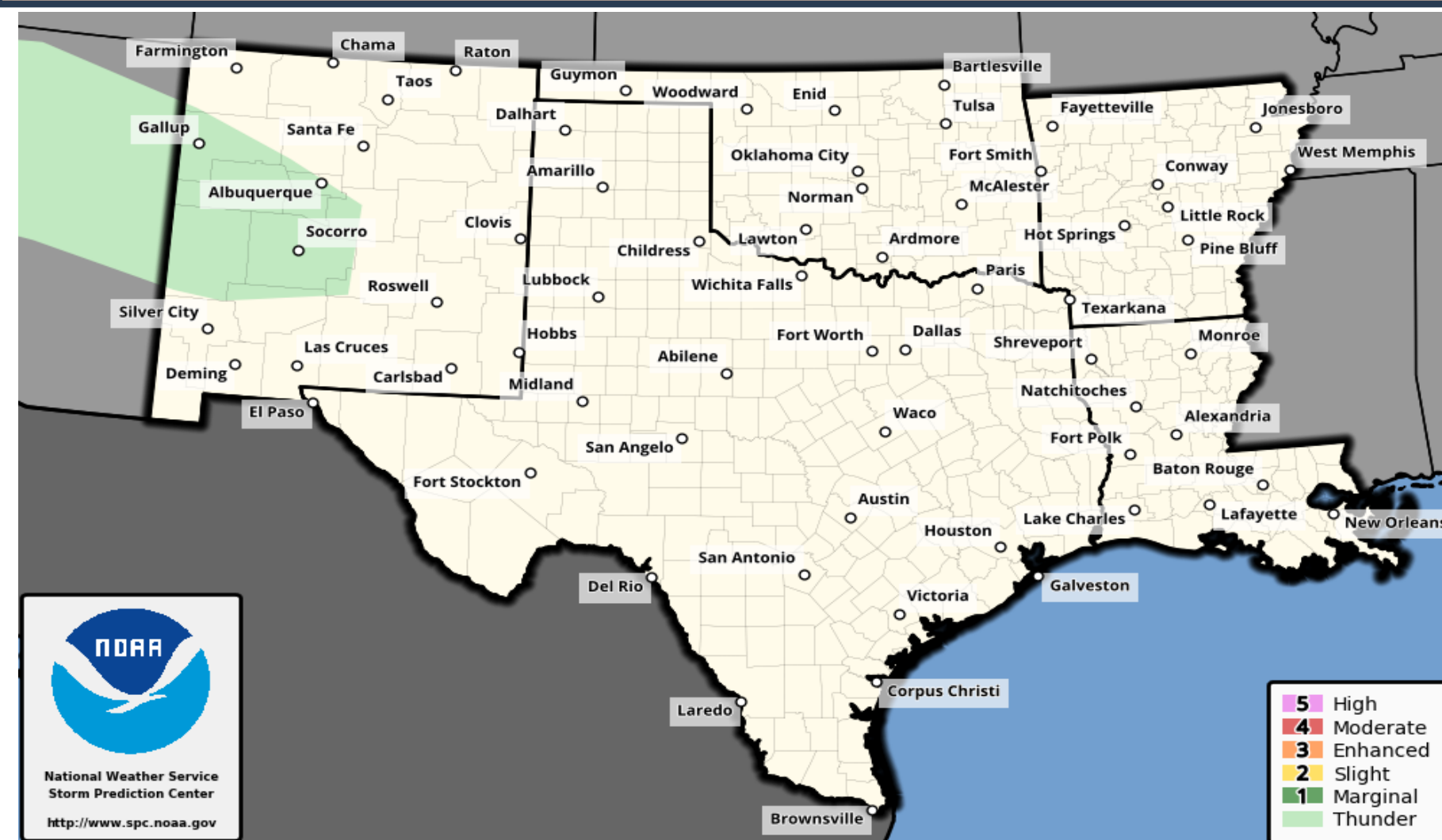
Forecast Rainfall



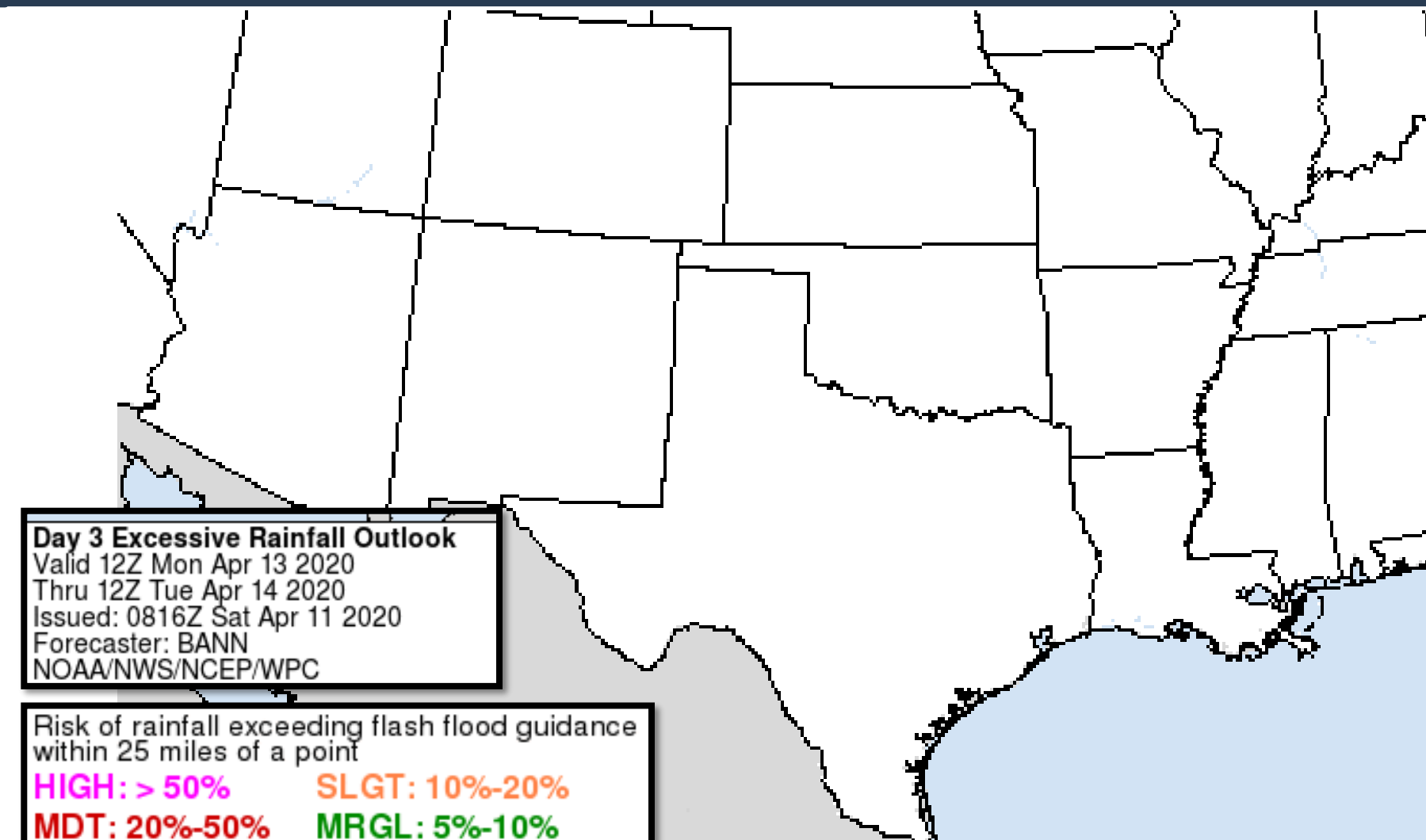
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Tuesday - Wednesday



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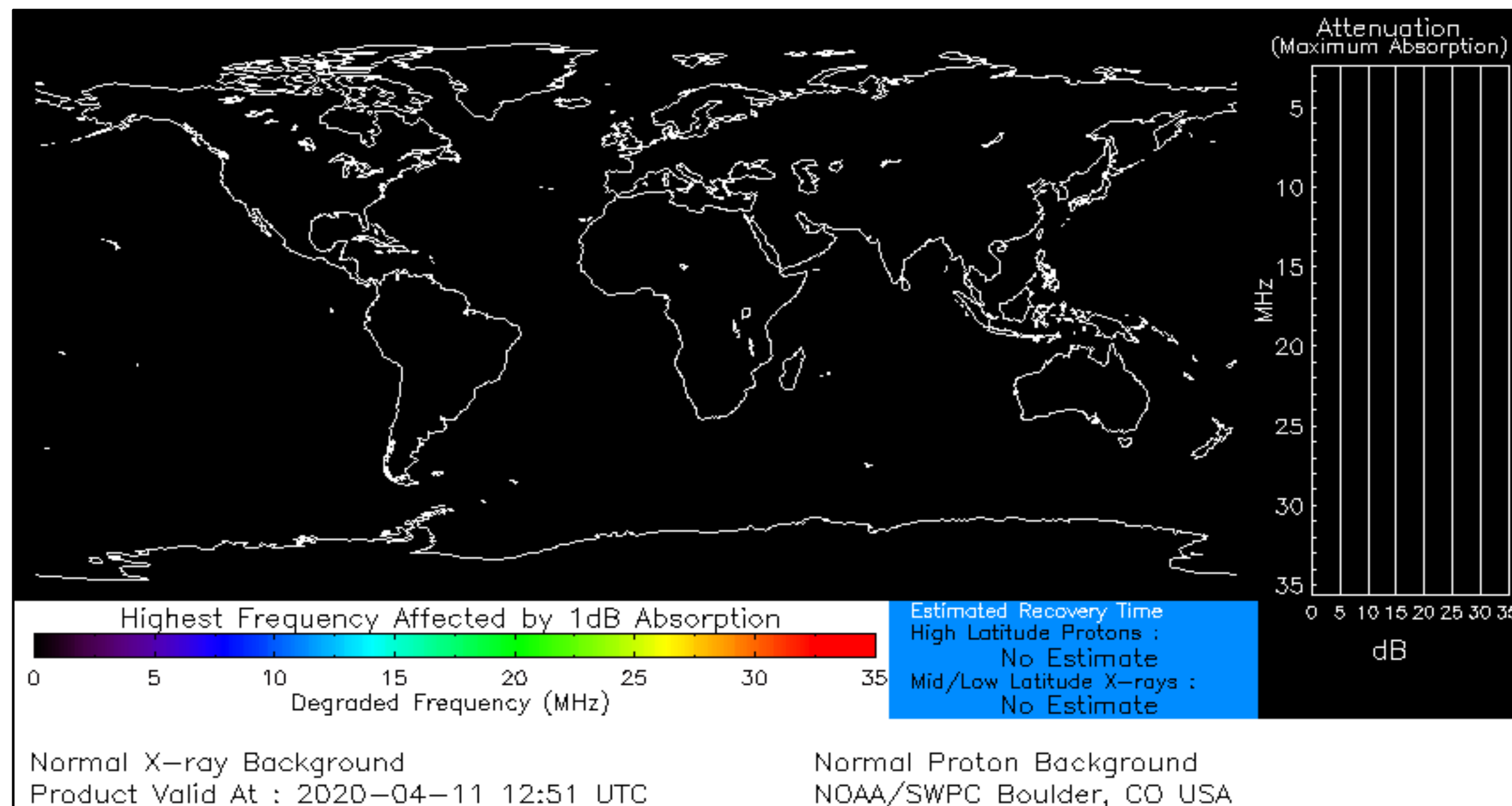
No significant weather expected.

Space Weather 3-Day Forecast



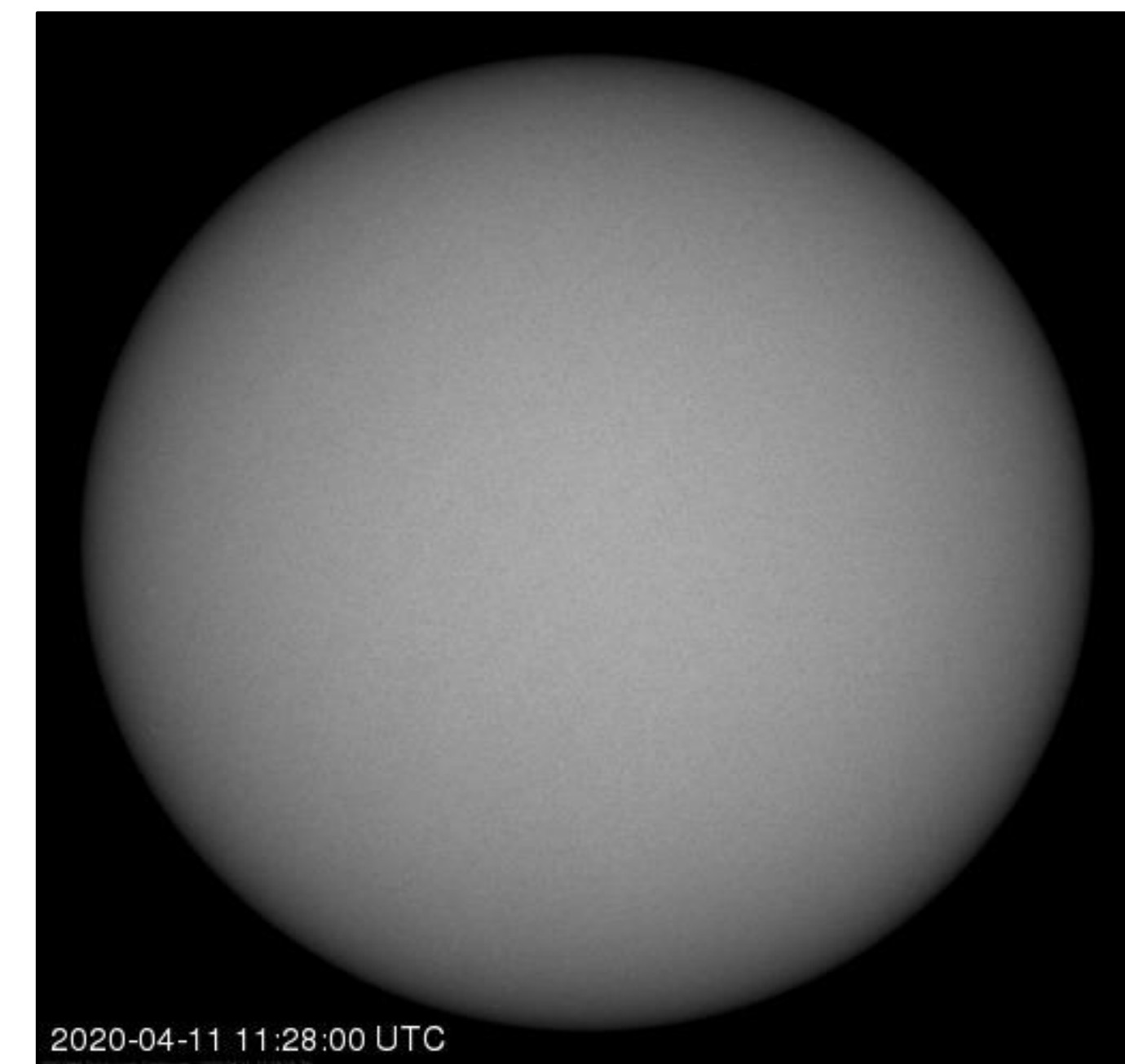
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov